

<b>FORM 1449*</b> <b>INFORMATION DISCLOSURE STATEMENT</b>  <b>IN AN APPLICATION</b> (Use several sheets if necessary)	Docket Number: 14095.0001US11	Application Number: 10/813568
	Applicant: CARLSON	
	Filing Date: March 29, 2004	Group Art Unit: 1639

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,690,894	11/25/1997	PINKEL ET AL.			
	6,066,448	05/23/2000	WOHLSTADTER ET AL.			
	6,083,758	07/04/2000	IMPERIALI ET AL.			
	6,168,912	01/02/2001	CHEN			
	6,207,369 B1	03/27/2001	WOHLSTADTER ET AL.			
	6,344,272 B1	02/05/2002	OLDENBURG ET AL.			
	6,361,944 B1	03/26/2002	MIRKIN ET AL.			
	6,410,585 B1	06/25/2002	LARSEN ET AL.			
	6,428,811 B1	08/06/2002	WEST ET AL.			
	6,528,020 B1	03/04/2003	DAI ET AL.			
	6,645,517 B2	11/11/2003	WEST ET AL.			
	6,649,356 B2	11/18/2003	BRYAN ET AL.			
	6,667,159 B1	12/23/2003	WALT ET AL.			
	6,673,533 B1	01/06/2004	WOHLSTADTER ET AL.			
	6,698,201 B1	03/02/2004	SARKAR ET AL.			
	6,699,501 B1	03/02/2004	NEU ET AL.			
	6,767,194 B2	07/27/2004	JEON ET AL.			
	6,767,706 B2	07/27/2004	QUAKE ET AL.			
	2002/0187347 A1	12/12/2002	HALAS ET AL.			
	2003/0156991 A1	08/21/2003	HALAS ET AL.			
	2003/0175517 A1	09/18/2003	VOIGT ET AL.			
	2003/0219384 A1	11/27/2003	DONATH ET AL.			
	2004/0013721 A1	01/22/2004	ANTIPOV ET AL.			
	2004/0076681 A1	04/22/2004	DENNIS ET AL.			
	2004/0077102 A1	04/22/2004	COUTE ET AL.			

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.

<b>FORM 1449*</b>  <b>INFORMATION DISCLOSURE STATEMENT</b>  <b>IN AN APPLICATION</b>  (Use several sheets if necessary)	Docket Number: 14095.0001US11	Application Number: 10/813568
	Applicant: CARLSON	
	Filing Date: March 29, 2004	Group Art Unit: 1639

FOREIGN PATENT DOCUMENTS							
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	WO 00/66790	11/09/2000	PCT				
	WO 01/18545 A2	03/15/2001	PCT			Abstract	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
		"Introducing Human Cancer OligoArray™", Sigma Genosys, 1 page (2002)					
		Various Search Reports, 109 pages (2001-2002)					
		Aguilar, Z. et al., "Self-Contained Microelectrochemical Immunoassay for Small Volumes Using Mouse IgG as a Model System," <i>Anal. Chem.</i> , Vol. 74, No. 14, pp. 3321-3329 (July 15, 2002)					
		Ainsworth, S., "Nanotech IP: As nanometer-scale materials start making money, intellectual property issues are heating up," <i>Chemical &amp; Engineering News</i> , Vol. 82, No. 15, pp. 17-22 (April 12, 2004)					
		Albert, K. et al., "Cross-Reactive Chemical Sensor Arrays," <i>Chemical Reviews</i> , Vol. 100, No. 7, pp. 2595-2626 (2000)					
		Aziz, H., "Route to Carbon Nanotube Solubilization and Applications," <i>Dept. of Chem., Duke University, for Chem 110</i> , pp. 1-15, Submitted November 25, 2003					
		Bakker, E., "Electrochemical Sensors," <i>Anal. Chem.</i> , Vol. 76, No. 12, pp. 3285-3298 (June 15, 2004)					
		Ball, P., "Yarn spun from nanotubes," <i>Nature</i> , <a href="http://www.nature.com/nsu/040308/040308-10.html">http://www.nature.com/nsu/040308/040308-10.html</a> , (March 12, 2004)					
		Basabe-Desmonts, L. et al., "A Simple Approach to Sensor Discovery and Fabrication on Self-Assembled Monolayers on Glass," <i>J. Am. Chem. Soc.</i> , Vol. 126, No. 23, pp. 7293-7299 (2004)					
		Buchanan, J. et al., "Practical synthesis of fully-substituted peptide thiazoles," <i>Tetrahedron Letters</i> , Vol. 40, pp. 3985-3988 (1999)					
		Caswell, K. et al., "Preferential End-to-End Assembly of Gold Nanorods by Biotin-Streptavidin Connectors," <i>J. Am. Chem. Soc.</i> , Vol. 125, No. 46, pp. 13914-13915 (2003)					
		Chen, J. et al., "Biased Combinatorial Libraries: Novel Ligands for the SH3 Domain of Phosphatidylinositol 3-Kinase," <i>J. Am. Chem. Soc.</i> , Vol. 115, No. 26, pp. 12591-12592 (1993)					
		Copy of International Search Report dated February 9, 2006					
		Copy of International Search Report mailed March 14, 2006					
		Dai, Z. et al., "Reagentless Amperometric Immunosensors Based on Direct Electrochemistry of Horseradish Peroxidase for Determination of Carcinoma Antigen-125," <i>Anal. Chem.</i> , Vol. 75, No. 20, pp. 5429-5434 (October 15, 2003)					

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	

<b>FORM 1449*</b> <b>INFORMATION DISCLOSURE STATEMENT</b>  <b>IN AN APPLICATION</b>  (Use several sheets if necessary)	Docket Number: 14095.0001US11	Application Number: 10/813568
	Applicant: CARLSON	
	Filing Date: March 29, 2004	Group Art Unit: 1639

		Developing Nano, <a href="http://www.nanosysinc.com/technology.html">http://www.nanosysinc.com/technology.html</a> , pp. 1-12 (May 3, 2004)
		Diamond, D., "Internet-Scale Sensing," <i>Analytical Chemistry</i> , Vol. 76, No. 15, pp. 279A-286A (August 1, 2004)
		Ellman, J. et al., "Combinatorial thinking in chemistry and biology," <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 94, pp. 2779-2782 (April 1997)
		Feder, B., "Bashful vs. Brash in the New Field of Nanotech," <i>The New York Times</i> , 5 pages, <a href="http://www.nytimes.com/2004/03/15/technology/15nano.html?ei=1&amp;en=873c8a6f53eb2287&amp;ex=1080357865&amp;adxn1...">http://www.nytimes.com/2004/03/15/technology/15nano.html?ei=1&amp;en=873c8a6f53eb2287&amp;ex=1080357865&amp;adxn1...</a> , (March 15, 2004)
		Furlan, R. et al., "A New Cyclic Pseudopeptide Receptor for Li <sup>+</sup> from a Dynamic Combinatorial Library," <i>J. Am. Chem. Soc.</i> , Vol. 123, No. 36, pp. 8876-8877 (2001)
		Grabar, K. et al., "Two-Dimensional Arrays of Colloidal Gold Particles: A Flexible Approach to Macroscopic Metal Surfaces", <i>Langmuir</i> , 12:2353-2361 (1996)
		Grant, S. et al., "Labelless and reversible immunosensor assay based upon an electrochemical current-transient protocol," <i>Analytica Chimica Acta</i> , Vol. 495, pp. 21-32 (2003)
		Grennan, K. et al., "Atrazine analysis using an amperometric immunosensor based on single-chain antibody fragments and regeneration-free multi-calibrant measurement," <i>Analytica Chimica Acta</i> , Vol. 500, pp. 287-298 (2003)
		Gwynne, P. et al., "Proteomics 3: Probing Proteins' Structures," <i>Drug Discovery and Biotechnology Trends</i> , pp. 689-699 (July 30, 2004)
		Jacoby, M., "Chiral Catalysis at Surfaces," <i>C &amp; EN</i> , pp. 37-41 (March 15, 2004)
		Kimura, M. et al., "Construction of Regulated Nanospace around a Porphyrin Core," <i>J. Am. Chem. Soc.</i> , Vol. 123, No. 24, pp. 5636-5642 (2001)
		Kojima, K. et al., "Electrochemical Protein Chip with Arrayed Immunosensors with Antibodies Immobilized in a Plasma-Polymerized Film," <i>Anal. Chem.</i> , Vol. 75, No. 5, pp. 1116-1122 (March 1, 2003)
		Lavigne, J. et al., "Sensing a Paradigm Shift in the Field of Molecular Recognition: From Selective to Differential Receptors," <i>Angew. Chem. Int. Ed.</i> , Vol. 40, pp. 3118-3130 (2001)
		Morgenthaler, S. et al., "Surfaces with a Hydrophobicity Gradient: Possible Applications in Biological Testing", <i>European Cells and Materials</i> , 6(1):69 (2001)
		Naffin, J. et al., "Immobilized Peptides as High-Affinity Capture Agents for Self-Associating Proteins", <i>Chemistry &amp; Biology</i> , 10:251-259 (2003)
		Reid et al., "Conformationally Constrained Macrocycles that Mimic Tripeptide b-Strands in Water and Aprotic Solvents," <i>J. Am. Chem. Soc.</i> , Vol. 124, pp. 5673-5683 (May 22, 2002)
		Ruardy, T. et al., "Preparation and characterization of chemical gradient surfaces and their application for the study of cellular interaction phenomena", <i>Surface Science Reports</i> , 29:1-30 (1997)
		Sadik, O. et al., "Differential Impedance Spectroscopy for Monitoring Protein Immobilization and Antibody-Antigen Reactions," <i>Anal. Chem.</i> , Vol. 74, No. 13, pp. 3142-3150 (July 1, 2002)

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	

<b>FORM 1449*</b>	<b>INFORMATION DISCLOSURE STATEMENT</b>		Docket Number: 14095.0001USII	Application Number: 10/813568
<b>IN AN APPLICATION</b>		Applicant: CARLSON		
(Use several sheets if necessary)		Filing Date: March 29, 2004	Group Art Unit: 1639	

		Tsuda, M. et al., "Suberedamines A and B, New Bromotyrosine Alkaloids from a Sponge Suberea Species," <i>J. Nat. Prod.</i> , Vol. 64, pp. 980-982 (2001)
		Wolfbeis, O., "Fiber-Optic Chemical Sensors and Biosensors," <i>Anal. Chem.</i> , Vol. 76, No. 12, pp. 3269-3283 (June 15, 2004)
		Worsley, K. et al., "Long-Range Periodicity in Carbon Nanotube Sidewall Functionalization," <i>Nano Letters</i> , Vol. 4, No. 8, pp. 1541-1546 (2004)
		Wu, Z. et al., "Transparent, Conductive Carbon Nanotube Films," <i>Science</i> , Vol. 305, pp. 1273-1276 (August 27, 2004)
		Zhang, Z. et al., "Self-Assembly of Patchy Particles," <i>Nano Letters</i> , Vol. 4, No. 8, pp. 1407-1413 (2004)
		USSN 10/703,876 Office Action 11-15-2007
		USSN 10/727,059 Office Action 11-15-2007

**23552**

PATENT TRADEMARK OFFICE

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	